

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims.

1. (Currently amended) A compound capable of interstrand-crosslinking the double strands of DNA, as represented by the general formula (I):



(wherein, ~~each B represents a chemical structure capable of recognizing the nucleotide sequence of DNA is selected from the group consisting of a pyrrole optionally having one or more substituents and an imidazole optionally having one or more substituents;~~

~~each A represents a chemical structure capable of binding to one of the bases of DNA is a chemical structure having a cyclopropane ring;~~

~~L represents is a linker capable of linking the chemical structures of A and B together having a vinyl group; and~~

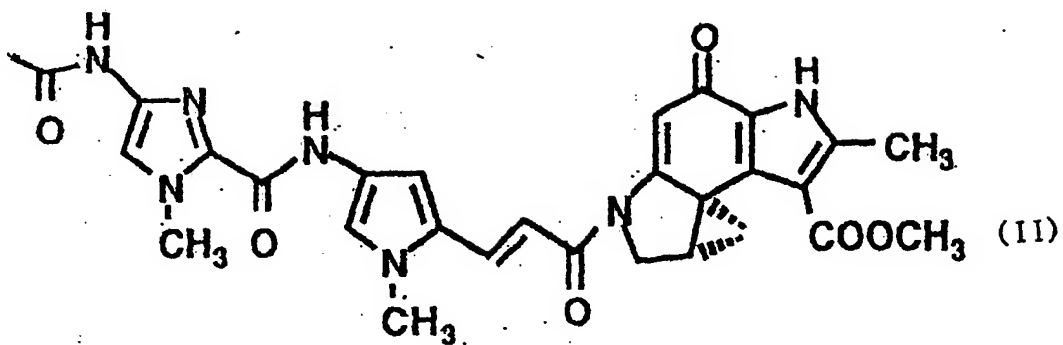
~~X represents is a spacer binding the component A-L-B.)~~

Claims 2-5 (Cancelled)

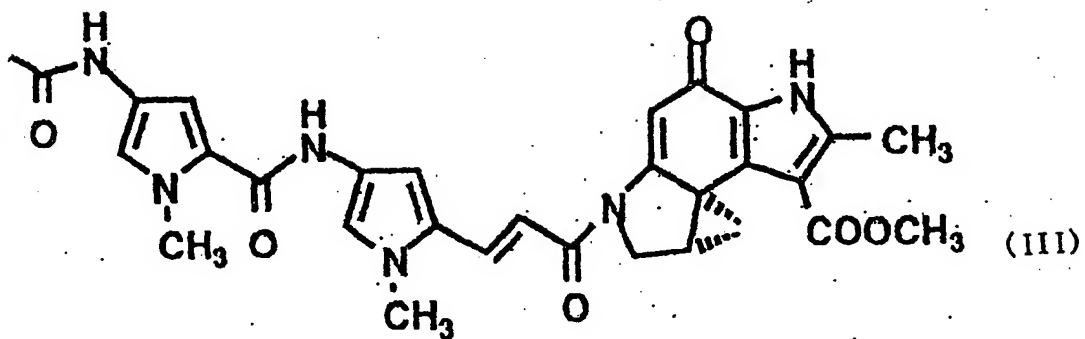
5. (Currently amended) The compound according to claim 1, ~~any one of claims 1 to 4~~, wherein the spacer X binding the A-L-B component is a carbonyl group or acyl group derived from organic dicarboxylic acid.

6. (Original) The compound according to claim 5, wherein the organic dicarboxylic acid is a saturated or unsaturated aliphatic dicarboxylic acid or an aromatic dicarboxylic acid.

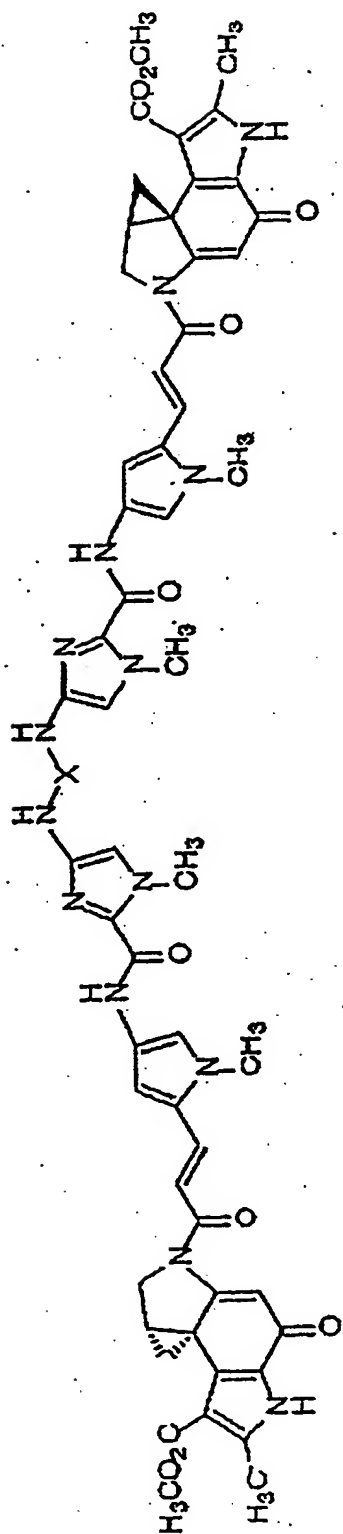
7. (Currently amended) The compound according to ~~any one of claims 1 to 6~~claim 1, wherein the A-L-B component of the compound represented by the general formula (I) is a compound represented by the following formula (II):



or by the following formula (III):



8. (Currently amended) The compound according to claim 7, wherein the compound represented by the general formula (I) is a compound represented by the following formula (IV):



(IV)

(wherein, X represents a ~~group represented by~~ -CO- group, -CO-CH=CH-CO group, -CO-(CH₂)₄-CO- group, or -CO-(p-C₆H₄)-CO-group).

9. (Currently amended) A method for interstrand-crosslinking a specific nucleotide sequence region of double-stranded DNA, using a compound according to ~~any one of claims 1 to 8~~ claim 1.

10. (Currently amended) The method according to claim 9, wherein the interstrand-crosslinking of double-stranded DNA is ~~progressed~~ performed in the presence of a substance having a chemical structure capable of recognizing a nucleotide sequence of DNA.

11. (Original) The method according to claim 10, wherein the substance having a chemical structure capable of recognizing a nucleotide sequence of DNA is a substance represented as ImImPy.

12. (Currently amended) The method according to ~~any one of claims 9 to 11~~ claim 9, wherein the specific nucleotide sequence is TGGC or GCCA or a complementary chain thereto.

13. (Currently amended) An interstrand-crosslinking agent of double-stranded DNA, the interstrand-crosslinking agent comprising a compound according to ~~any one of claims 1 to 8~~ claim 1.

14. (Currently amended) A pharmaceutical composition containing a compound according to ~~any one of claims 1 to 8~~ claim 1 and a pharmaceutically acceptable carrier.

15. (Original) A pharmaceutical composition according to claim 14, the pharmaceutical composition being a therapeutic agent of cancer.